Amendment and Response
Applicant: Jerald A. Hammann
Serial No.: 09/840,332
Filing Date: April 23, 2001
Docket: H238.101.101
Title: SYSTEM AND METHOD EMPLOYING YIELD MANAGEMENT IN HUMAN-FACTOR RESOURCE INDUSTRY

IN THE CLAIMS

Please add new claims 36-40.

Please amend claims 31-35 as follows:

1.-30. (Cancelled)

31.   (Currently Amended) A computer-based method for ~~yield~~capacity/demand management in human factor resource industries, comprising:

accepting, via computer, transaction parameter values for composite resources, wherein each composite resource has associated therewith at least a service location and at least one of a service date and a service time;

communicating at least a portion of the transaction parameter values for at least one composite resource to at least one potential user of the composite resource, the communication attempting to modify at least one of the demand for the at least one composite resource and the capacity of the at least one composite resource, wherein when capacity exceeds demand for the at least one composite resource, the communication attempts to increase the demand for and/or decrease the capacity of the at least one composite resource;~~at least one of the transaction parameter values communicated is a transaction price calculated using yield management techniques;~~

wherein the at least one service date and service time is a date and/or time measure indicating a present or future first date and/or time when the service is available;

wherein the communication ~~takes place~~occurs prior to ~~the~~any first assignment of other concurrently-consumed and/or utilized composite resources to the at least one potential user;

wherein the capacity of the at least one composite resource is a measure of the on-hand supply and/or availability, if applicable, of the at least one composite resource at a first date and/or time plus a measure of an ability to produce and/or make available additional quantities of the at least one composite resource over a first date and/or time period beginning at the first date and/or time and ending at a second date and/or time; and

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wherein the demand for the at least one composite resource is a measure of the on-hand

consumption and/or utilization, if applicable, of the at least one composite resource at the first

date and/or time plus a measure of an ability to consume and/or utilize additional quantities of

the at least one composite resource over the first date and/or time period.

32.   (Currently Amended) A computer-based ~~yield~~capacity/demand management system in

human factor resource industries, comprising:

means for accepting transaction parameter values for composite resources, wherein each

composite resource has associated therewith at least a service location and at least one of a

service date and a service time;   ,

means for communicating at least a portion of the transaction parameter values for at

least one composite resource to at least one user, the communication attempting to modify at

least one of the demand for the at least one composite resource and the capacity of the at least

one composite resource, wherein when capacity exceeds demand for the at least one composite

resource, the communication attempts to increase the demand for and/or decrease the capacity of

the at least one composite resource;

~~at least one of the transaction parameter values communicated is a transaction price~~

~~calculated using yield management techniques;~~

wherein the at least one service date and service time is a date and/or time measure

indicating a present or future first date and/or time when the service is available;

wherein the communication ~~takes place~~occurs prior to ~~the~~any first assignment of other

concurrently-consumed and/or utilized composite resources to the at least one potential user;

wherein the capacity of the at least one composite resource is a measure of the on-hand

supply and/or availability, if applicable, of the at least one composite resource at a first date

and/or time plus a measure of an ability to produce and/or make available additional quantities of

the at least one composite resource over a first date and/or time period beginning at the first date

and/or time and ending at a second date and/or time; and

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wherein the demand for the at least one composite resource is a measure of the on-hand

consumption and/or utilization, if applicable, of the at least one composite resource at the first

date and/or time plus a measure of an ability to consume and/or utilize additional quantities of

the at least one composite resource over the first date and/or time period.

33.   (Currently Amended) A ~~yield~~capacity demand management system comprising:

a storage device storing a program; and

a processor connected to the storage device and controlled by the program, the processor

operative with the program to accept transaction parameter values for composite resources in

~~prepared food service~~ human factor resources industries, wherein each composite resource has

associated therewith at least a service location and at least one of a service date and a service

time, and to communicate at least a portion of the transaction parameter values for at least one

composite resource to at least one user, the communication attempting to modify at least one of

the demand for the at least one composite resource and the capacity of the at least one composite

resource, wherein when capacity exceeds demand for the at least one composite resource, the

communication attempts to increase the demand for and/or decrease the capacity of the at least

one composite resource;~~at least one of the transaction parameter values communicated is a~~

~~transaction price calculated using yield management techniques;~~

wherein the at least one service date and service time is a date and/or time measure

indicating a present or future first date and/or time when the service is available;

wherein the communication ~~takes place~~occurs prior to ~~the~~any first assignment of other

concurrently-consumed and/or utilized composite resources to the at least one potential user;

wherein the capacity of the at least one composite resource is a measure of the on-hand

supply and/or availability, if applicable, of the at least one composite resource at a first date

and/or time plus a measure of an ability to produce and/or make available additional quantities of

the at least one composite resource over a first date and/or time period beginning at the first date

and/or time and ending at a second date and/or time; and

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wherein the demand for the at least one composite resource is a measure of the on-hand

consumption and/or utilization, if applicable, of the at least one composite resource at the first

date and/or time plus a measure of an ability to consume and/or utilize additional quantities of

the at least one composite resource over the first date and/or time period.

34.   (Currently Amended) A computer-readable medium containing program instructions for

controlling a computer to perform a method comprising:

        accepting transaction parameter values related to individual resources and associated

composite resources, wherein the associated composite resources each include a collection of at

least two of the individual resources, wherein the associated composite resources each have

associated therewith at least a service location and at least one of a service date and a service

time and wherein the composite resources are in human factor resource industries;at least one of

the transaction parameter values communicated is a transaction price calculated using yield

management techniques;

        storing the data related to the individual resources and the associated composite

resources;

        constructing internal data structures which link each of the individual resources to

associated composite resources and link each of the composite resources to associated individual

resources;

        indicating, if when the capacity of a composite resource exceeds the demand for the

composite resource, that the demand for the composite resource should be increased and/or the

capacity of the composite resource should be decreased;

        wherein the at least one service date and service time is a date and/or time measure

indicating a present or future first date and/or time when the service is available;

        wherein the communicationindication takes placeoccurs prior to theany first assignment

of other concurrently-consumed and/or utilized composite resources to the at least one potential

user;

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wherein the capacity of a composite resource is a measure of the on-hand supply and/or availability, if applicable, of the composite resource at a first date and/or time plus a measure of an ability to produce and/or make available additional quantities of the composite resource over a first date and/or time period beginning at the first date and/or time and ending at a second date and/or time; and

wherein the demand for a composite resource is a measure of the on-hand consumption and/or utilization, if applicable, of the composite resource at the first date and/or time plus a measure of an ability to consume and/or utilize additional quantities of the composite resource over the first date and/or time period.

35.   (Currently Amended) A computer-based method for producing composite resource transactions, the method comprising:

accepting, via computer, -transaction parameter values for composite resources in prepared-food human factor resource service industries, wherein each composite resource has associated therewith at least a service location and at least one of a service date and a service time;

communicating at least a portion of the transaction parameter values for at least one composite resource to at least one potential user, the communication attempting to modify at least one of the demand for the at least one composite resource and the capacity of the at least one composite resource, wherein when capacity exceeds demand for the at least one composite resource, the communication attempts to increase the demand for and/or decrease the capacity of the at least one composite resource; at least one of the transaction parameter values communicated is a transaction price calculated using yield management techniques; and

receiving a responding communication from at least one user binding the at least one composite resource with specified transaction parameter values;

wherein the at least one service date and service time is a date and/or time measure indicating a present or future first date and/or time when the service is available;

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wherein the communication ~~takes place~~occurs prior to ~~the~~any first assignment of other concurrently-consumed and/or utilized composite resources to the at least one potential user;

wherein the capacity of the at least one composite resource is a measure of the on-hand supply and/or availability, if applicable, of the at least one composite resource at a first date and/or time plus a measure of an ability to produce and/or make available additional quantities of the at least one composite resource over a first date and/or time period beginning at the first date and/or time and ending at a second date and/or time; and

wherein the demand for the at least one composite resource is a measure of the on-hand consumption and/or utilization, if applicable, of the at least one composite resource at the first date and/or time plus a measure of an ability to consume and/or utilize additional quantities of the at least one composite resource over the first date and/or time period.

36.   (New) The method of claim 31 wherein, when demand exceeds capacity for the at least one composite resource, the communication attempts to decrease the demand for the at least one composite resource and/or increase the capacity of the at least one composite resource.

37.   (New) The system of claim 32 wherein, when demand exceeds capacity for the at least one composite resource, the communication attempts to decrease the demand for the at least one composite resource and/or increase the capacity of the at least one composite resource.

38.   (New) The system of claim 33 wherein, when demand exceeds capacity for the at least one composite resource, the communication attempts to decrease the demand for the at least one composite resource and/or increase the capacity of the at least one composite resource.

39.   (New) The computer-readable medium of claim 34, wherein the method further comprises:

indicating, when the demand for a composite resource exceeds the capacity of the composite resource, that the demand for the composite resource should be decreased and/or the capacity of the composite resource should be increased.

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40.   (New) The method of claim 35 wherein, when demand exceeds capacity for the at least

one composite resource, the communication attempts to decrease the demand for the at least one

composite resource and/or increase the capacity of the at least one composite resource.

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